

2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: GATEWAY AREA DEVELOPMENT DISTRICT

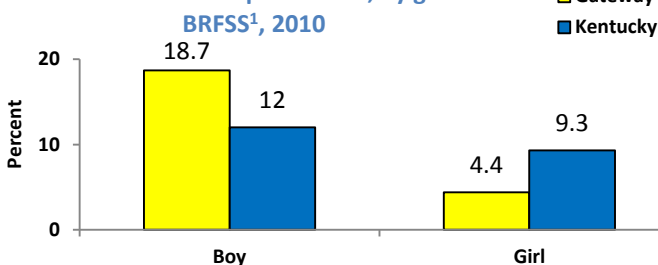
- The Gateway District of Kentucky is comprised of 5 counties: Rowan, Bath, Montgomery, Menifee, and Morgan.
- The 2011 Gateway District population was roughly 82,300. About 18,200 persons were younger than 18 (children), and about 64,000 were 18 or older (adults).



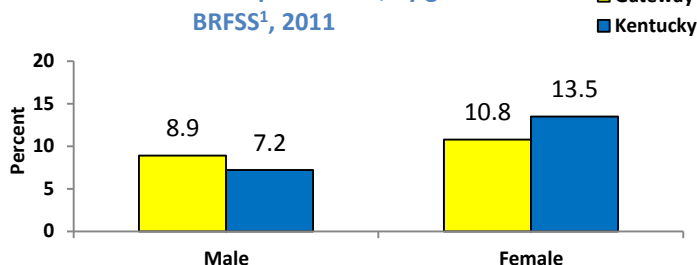
PREVALENCE

- In 2010, an estimated 2,100 children (11.8%) in the Gateway District currently had asthma, compared to 10.7% for Kentucky and 8.4% for the United States.¹ In 2011, an estimated 6,150 adults (9.8%) in this district currently had asthma, compared to 10.4% for Kentucky and 9.1% for the United States.¹

Child current asthma prevalence, by gender:



Adult current asthma prevalence, by gender:

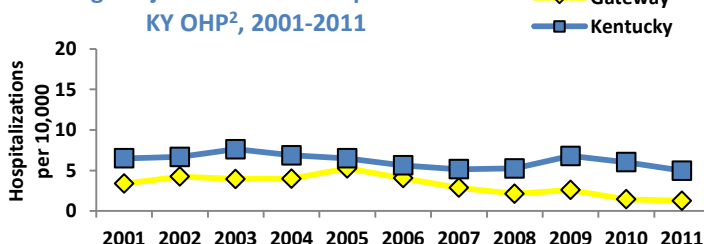


- In 2010, among children, boys in the Gateway district had a higher current asthma prevalence rate compared to Kentucky, while girls in this district had lower current asthma prevalence rate compared to Kentucky. In 2011, among adults, males had higher current asthma prevalence in this district compared to Kentucky. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology)

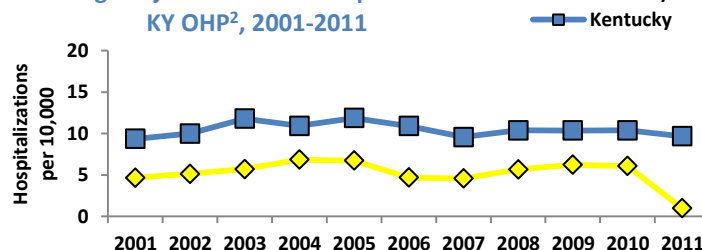
HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 1.3/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was approximately 1.0/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

Child age adjusted asthma hospitalizations:



Adult age adjusted asthma hospitalizations:



- In 2011, adult asthma hospitalizations declined from the previous year (2010). Between 2001 and 2011, the Gateway District averaged 4.2 asthma hospitalizations/10,000 persons/year, while Kentucky averaged 8.3 asthma hospitalizations/10,000 persons/year over the same 11 year period.²

EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 1.9/1,000 persons, compared to the state rate of 1.9/1,000 persons³ and for adults were 1.0/1,000 persons compared to the state rate of 2.5/1,000 persons.³

MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 1.25/100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.⁴ In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons⁴ compared to the US crude death rate of 1.1/100,000 persons.⁵

NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

This fact sheet was supported by the Cooperative Agreement Number 5U59EH000508-04 from the Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the CDC.

KENTUCKY RESPIRATORY DISEASES ASTHMA PROGRAM

Jan Hatfield, Program Manager; Sue Thomas-Cox, PI; Deepa Valvi, Asthma Epidemiologist
275 E. Main St. * Mail Stop HS2WE * Frankfort, KY 40621 * (502) 564-7996, ext. 4439

Website: www.chfs.ky.gov/Asthma